## **Objectives**

* Explain about conditional rendering in React

Similar to using if statements in JavaScript, conditional rendering in React refers to displaying or concealing portions of the user interface depending on specific conditions. If...else, the ternary operator (? :), logical AND (&&), or distinct functions that return distinct JSX based on the condition can all be used to accomplish this.

* Define element variables

React element variables are variables that can be used in the return statement and store JSX elements. By giving the variable a different JSX and then rendering it once in the user interface, this aids in the creation of cleaner conditional logic.

* Explain how to prevent components from rendering

You can return null from a component's render function or component body to stop it from rendering. React effectively skips its output without affecting the rest of the user interface when null is returned, rendering nothing for that component.

Create a React Application named “ticketbookingapp” where the guest user can browse the page where the flight details are displayed whereas the logged in user only can book tickets.

The Login and Logout buttons should accordingly display different pages. Once the user is logged in the User page should be displayed. When the user clicks on Logout, the Guest page should be displayed.

**OUTPUT:**





